

ABSTRACT

A cover assembly for an organic waste lagoon basin and a method of making and deploying such a cover assembly. A cover includes connected cover panels or sections. In one form of the invention the panels are comprised of a single layer of geotextile fabric. In another form of the invention the panels are comprised of interconnected strata including a sacrificial layer which faces the sun and protects the cover from ultraviolet light degradation; a foam layer that floats the cover; and a geotextile fabric layer. The geotextile fabric is porous and suppresses the release of malodorous gases from the lagoon basin. The cover can be constructed and deployed by laying out cover panels in fanfold fashion along a side of the basin; connecting adjacent edges of the panels; attaching flotation to the free edge of the top panel; and using deployment lines and a mandrel to move the cover across the filled basin.

GP:766814 v2